

Half-Wave Vacuum Rectifier

HIGH-VOLTAGE, LOW-CURRENT TYPE

GENERAL DATA

Electrical:

Filament, Thoriated Tungsten:

Voltage (AC) $2.5 \pm 5\%$ volts

Current at filament volts = 2.5 6 amp

Mechanical:

Operating Position Vertical, base down or up

Overall Length $7\frac{3}{16}" \pm \frac{1}{4}"$

Maximum Diameter $2\frac{1}{8}"$ ←

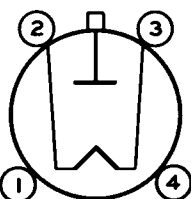
Bulb T16

Plate Terminal 0.050"-Diameter Pin Located at Top of Bulb

Base Medium-Shell Super-Jumbo 4-Pin (JEDEC No. A4-16)

Basing Designation for BOTTOM VIEW 70

TOP PIN



Pin 1—No Internal
Connection

Pin 2—Filament

Pin 3—Filament

Pin 4—No Internal
Connection

TOP PIN—Plate

HALF-WAVE RECTIFIER

Maximum Ratings, Absolute-Maximum Values:

PEAK INVERSE PLATE VOLTAGE 20000 max. volts

PLATE CURRENT:

Peak 270 max. ma

Average 25 max. ma

AMBIENT TEMPERATURE 50 max. °C

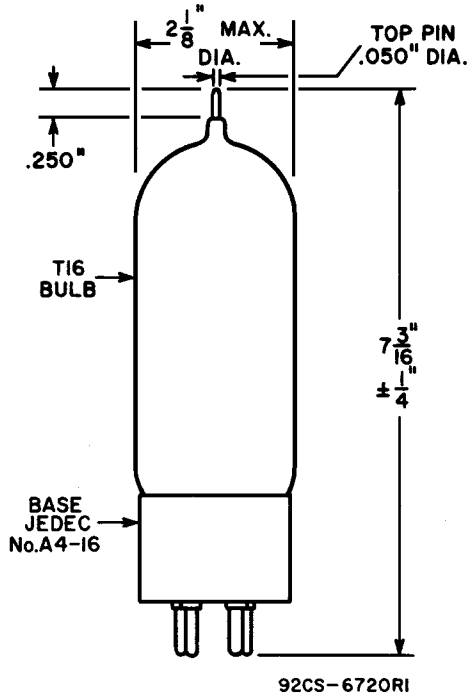
BULB TEMPERATURE 75 max. °C

OPERATING CONSIDERATIONS

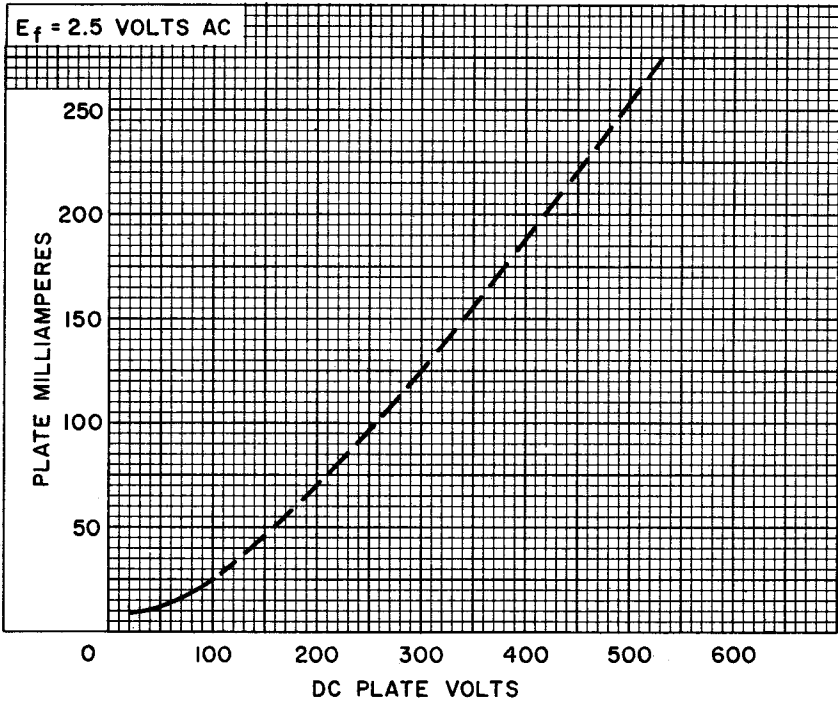
X-Radiation Warning. X radiation is produced when the 579B is operated with a peak inverse plate voltage above 16,000 volts (Absolute-Maximum value). This radiation can constitute a health hazard unless the tube is adequately shielded for X radiation.

← Indicates a change.





AVERAGE PLATE CHARACTERISTIC



92CS-6719R1

